

Serial No.: 09/900,267

Attorney Docket No.: 01P12193US

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A telecommunications system, comprising:
a local area network;
one or more telecommunications devices coupled to said local area network;
a switching unit coupled to said local area network, said switching unit adapted to associate a plurality of numbers with a user, record a time and associated number at which said user has been reached, and perform a closest neighbor comparison of records of previous calls to determine where to connect a current call.
2. (Original) A telecommunications system in accordance with claim 1, said switching unit further adapted to switch calls to said user at particular locations at programmed times.
3. (Original) A telecommunications system in accordance with claim 2, said switching unit comprising an H.323 gatekeeper.
4. (Original) A telecommunications gatekeeper, comprising:
a control processor adapted to process incoming and outgoing calls, wherein users have one or more numbers associated with them;
a record unit adapted to store in a memory a call history associated with particular users; and
a compare unit adapted to perform a closest neighbor comparison of said call history to determine at which of said one or more numbers to connect the call.
5. (Original) A telecommunications gatekeeper in accordance with claim 4,

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said control unit programmable to switch calls to said users at particular numbers at particular times.

6. (Original) A telecommunications gatekeeper in accordance with claim 5, said compare unit adapted to perform said closest neighbor comparison if a call is not connected to a programmed number at the programmed time.

7. (Original) A telecommunications gatekeeper in accordance with claim 4, wherein said call history is updated after every call.

8. (Original) A telecommunications gatekeeper in accordance with claim 4, wherein said call history is cleared after a predetermined period.

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9. (Original) A method, comprising:
maintaining a call history of calls to one or more numbers of a particular user;
receiving a new call;
performing a closest neighbor comparison on said call history to determine at which of said numbers to switch said new call;
connecting said new call; and
updating said call history.

10. (Original) A method in accordance with claim 9, further comprising first attempting to switch a call to a user-programmed time associated call location.

11. (Original) A method in accordance with claim 10, further comprising clearing said call history after a predetermined period has elapsed.

12. (Original) A method, comprising:

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providing a control processor adapted to process incoming and outgoing calls, wherein users have one or more numbers associated with them;

providing a record unit adapted to store in a memory a call history associated with particular users; and

providing a compare unit adapted to perform a closest neighbor comparison of said call history to determine at which of said one or more numbers to connect the call.

13. (Original) A method in accordance with claim 12, said control unit programmable to switch calls to said users at particular numbers at particular times.

14. (Original) A method in accordance with claim 13, said compare unit adapted to perform said closest neighbor comparison if a call is not connected to a programmed number at the programmed time.

15. (Original) A method in accordance with claim 14, wherein said call history is updated after every call.

16. (Original) A method in accordance with claim 14, wherein said call history is cleared after a predetermined period.